

## 800 WATER SUPPLY & DISTRIBUTION

### ITEM 816 - WATER LINES AND WATER SERVICE TAPS RELOCATED OR ABANDONED – 2 INCHES (51 mm) AND UNDER

#### 816.01 Description

#### 816.02 Relocation of Water Service Taps

#### 816.03 Abandonment of Water Mains and Water Service Taps

#### 816.04 Backfill

#### 816.05 Method of Measurement

#### 816.06 Basis of Payment

**816.01 Description.** Under this item, the Contractor shall provide all labor and material necessary to relocate or abandon existing water mains and/or water service taps as shown on the plans or as specified herein. Work under this item is limited to water mains and water service taps 2 inches (51 mm) and smaller.

**816.02 Relocation of Water Service Taps.** This work consists of installing a new curb stop, relocating the existing curb box and where necessary, furnishing and installing new service pipe and/or service boxes. The existing service line shall be uncovered from the existing curb stop to the proposed curb stop location. After giving the water customer at least 30 minutes advance notice, the existing curb stop may be closed. A new curb stop shall then be installed at the new location. Prior to completing the connection of the new curb stop to the existing water service, both curb stops should be opened to flush out any foreign matter. The old curb stop shall remain open and the new curb stop shall be reopened after installation is complete to test for leaks under normal City water pressure and all leaks shall be repaired before backfilling.

Where required, the Contractor shall furnish and install new water service pipe from the existing curb stop to the new curb stop.

The existing curb box shall be relocated to the new curb stop location. If the box is found damaged due to no negligence of the Contractor, the Contractor shall provide a new curb box to be *installed and* paid for under Item 805. Any box damaged by the Contractor shall be replaced at no additional expense to the City.

**816.03 Abandonment of Water Mains and Water Service Taps.** Where shown on the plans or directed by the Engineer, the Contractor shall abandon existing water mains and/or water service taps, 2 inches (51 mm) and smaller, at the corporation stop. Water line abandonment shall not be performed until all affected water services have been transferred *and the existing water line to be abandoned has been shut down for 24 hours*. Where abandonments are made at existing corporation stops, the corporation stop shall be shut and a copper disc inserted into the flare nut on the outlet side of the stop.

The disc shall be Mueller H-15535, or equal. In the event a copper disc cannot be used to secure a tight shut or the shut is to be made at a point other than an existing corporation stop the Contractor shall submit alternate methods of abandonment to the Engineer for approval. No additional payment will be made for this work.

*All visible valve boxes on the water line to be abandoned, which will no longer be in service, shall be removed. The required surface restoration shall be paid for under the appropriate bid item(s).*

**816.04 Backfill.** Backfill for all excavations shall be done on conformance to Item 801. Prior to backfill, the abandoned lines and/or services shall be removed as required.

**816.05 Method of Measurement.** Water service taps relocated shall be measured for payment on the basis of each *water service tap* actually relocated according to size. *No separate payment will be made for new service pipe as its cost is to be included in the unit price bid for the water service tap actually relocated.* No additional payment will be made for this work.

Water service taps abandoned shall be measured for payment on the basis of each tap actually abandoned, irrespective of size. Water mains abandoned without being replaced shall be measured for payment on the basis of each water main of each size actually abandoned.

**816.06 Basis of Payment.** Payment for water service taps relocated or abandoned, and payment for water mains abandoned shall be at the contract price bid as follows:

<b>Item</b>	<b>Unit</b>	<b>Description</b>
816	Each	_____ Inch (mm) Water Service Tap Relocated
816	Each	Water Service Tap Abandoned
816	Each	_____ Inch (mm) Water Main Abandoned